



MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE RUSSIAN FEDERATION
Federal state autonomous educational institution of higher education
«Far Eastern Federal University»
(FEFU)

Школа медицины и наук о жизни

WORKING PROGRAM OF PRACTICE
Professional Medical Training. Assistant to a doctor of a therapeutic, surgical,
obstetric and gynecological hospital
31.05.01 Лечебное дело
General Medicine (на английском языке)
Form education: full time

Director of department PhD, associate professor Tyan K.V.

Date of the meeting 14.05.2024 № protocol 6

Compliers:

MD, professor , Usov V.V.; PhD, associate professor , Khalin K.D.

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I. GOALS OF THE PRACTICE

Goal:

The purposes of the internship are: professional and practical training of students, focused on deepening theoretical training and consolidating students' practical skills and competencies in caring for patients; consolidation and deepening of theoretical training, the acquisition of skills necessary in the work of a ward nurse; mastering the duties of a ward nurse, learning how to independently perform some medical procedures and manipulations of a ward nurse, gaining work experience in a real medical team; use of medical equipment and tools, experience of independent professional activity in the scope of work of a ward nurse through direct participation in the activities of a hospital, as well as the development of competencies necessary for work in the professional field.

II. OBJECTIVES OF THE PRACTICE

Objectives:

1. consolidation and deepening of knowledge about the main stages of the work of nursing staff, duties and responsibilities in working with patients with diseases of various organs and systems from the standpoint of nursing staff in different departments of a multidisciplinary hospital;
2. mastering the principles of caring for patients of varying degrees
3. severity and sanitization rules; organization of the work of the nursing post of the therapeutic, surgical, resuscitation, admission departments; duties of a nurse;
4. formation of abilities to organize the work of medical personnel in medical organizations, the definition of functional responsibilities and the optimal algorithm for their implementation;
5. formation of abilities to organize measures for labor protection and safety, prevention of occupational diseases, monitoring compliance with and ensuring environmental safety;
6. mastering the basic principles of medical ethics and deontology, carrying out sanitary and educational work among patients, familiarization with the basics of the organization and work of nursing staff;
7. mastering the methods of administering drugs (intramuscular, subcutaneous injections);
8. formation of the student's communication skills

III. THE PLACE OF PRACTICE IN THE STRUCTURE OF THE EDUCATIONAL PROGRAM

Professional Medical Training. Assistant to a doctor of a therapeutic, surgical, obstetric and gynecological hospital It is a mandatory part of block 2 of the curriculum practice (index Б2.О.05(II))

Professional Medical Training. Assistant to a doctor of a therapeutic, surgical, obstetric and gynecological hospital total labor intensity 288 hour. (8 credits) it takes place in the 8 semester and is mandatory.

IV. ТИПЫ, СПОСОБЫ, МЕСТО И ВРЕМЯ ПРОВЕДЕНИЯ ПРАКТИКИ

Kind of practice - Производственная

Type of practice - Professional Medical Training. Assistant to a doctor of a therapeutic, surgical, obstetric and gynecological hospital

The method of conducting the practice - стационарная

In accordance with the schedule of the educational process, the educational practice is implemented in 8 semester.

V. THE COMPETENCIES OF THE STUDENT FORMED AS A RESULT OF THE INTERNSHIP

General professional competencies of students, indicators of their achievements and learning outcomes in the discipline

The code and name of the competence (the result of mastering)	The code and name of the competence achievement indicator	The name of the assessment indicator (the result of training in the discipline)
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<p>GPC-6 Is able to organize patient care, provide primary medical and sanitary care, ensure the organization of work and professional decision-making in emergency conditions at the pre-hospital stage, in emergencies, epidemics and mass casualty areas</p>	<p>GPC-6.4 Knows how to use medications and medical devices when providing emergency medical care at the pre-hospital stage</p>	<p>Knows: Clinical guidelines (treatment protocols) on the provision of medical care, taking into account the standards of medical care. Knows the main drugs prescribed by the order of medical care.</p> <p>Can: Draws up a treatment plan for the patient, in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care</p> <p>Owens: methods of providing medical care in an emergency form at the prehospital stage, taking into account the standards of medical care</p>
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Students' professional competencies, indicators of their achievements and learning outcomes in the discipline

<p>The code and name of the competence (the result of mastering)</p>	<p>The code and name of the competence achievement indicator</p>	<p>The name of the assessment indicator (the result of training in the discipline)</p>
<p>PC-10 Ready to organize personalized patient care, including pregnant women, elderly and elderly patients, assessing the effectiveness and safety of treatment</p>	<p>PC-10.1 Knows the physiologic characteristics of patients according to constitutional type, age, comorbidities and pregnancy-related changes</p>	<p>Knows: the physiological foundations of the normal functioning of various human organs and systems, the biochemical foundations of the normal functioning of various human organs and systems, the etiological and pathogenetic features of diseases of organs and systems</p> <p>Can: to determine and evaluate the physiological characteristics of the state of the human body, determine and evaluate the pathological conditions of the human body</p> <p>Owens: the skills to assess the pathological conditions of the human body, taking into account the physiological and constitutional features.</p>

<p>PC-10 Ready to organize personalized patient care, including pregnant women, elderly and elderly patients, assessing the effectiveness and safety of treatment</p>	<p>PC-10.2 Is able to prescribe personalized treatment for patients according to constitutional type, age, comorbidities and pregnancy-related changes, taking into account the standards of care</p>	<p>Knows: the current procedures for the provision of medical care, clinical recommendations (treatment protocols) on the provision of medical care, taking into account the standards of medical care Can: to prescribe medicines, medical devices and nutritional therapy, taking into account the diagnosis, age and clinical picture of the disease Owns: to prescribe drugs, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations on the provision of medical care, taking into account the standards of medical care</p>
<p>PC-4 Ready to collect and analyze patient complaints, patient history, physical examination, laboratory, instrumental, pathological, anatomical and other investigations in order to recognize a condition or establish the presence or absence of a disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) for the provision of medical care, taking into account the standards of medical care</p>	<p>PC-4.5 Knows the methods of laboratory and instrumental investigations to assess the state of health, medical indications for conducting investigations, rules of interpretation of their results</p>	<p>Knows: the procedures for providing medical care, clinical recommendations (treatment protocols) on the provision of medical care, standards of medical care, the International Statistical Classification of Diseases; the required volume of additional examination methods: laboratory, instrumental, in accordance with current clinical guidelines (treatment protocols) Can: to determine the need and scope of additional examination methods: laboratory, instrumental, in accordance with current clinical guidelines (treatment protocols), procedures for providing medical care and taking into account the standards of medical care; the need for referral to specialist doctors in accordance with current clinical guidelines (treatment protocols) Owns: Possesses the skills to evaluate the results obtained to justify the choice of the optimal algorithm for examining the patient, appointment of consultations of medical specialists</p>

<p>PC-4 Ready to collect and analyze patient complaints, patient history, physical examination, laboratory, instrumental, pathological, anatomical and other investigations in order to recognize a condition or establish the presence or absence of a disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) for the provision of medical care, taking into account the standards of medical care</p>	<p>PC-4.6 Knows orders of medical care, clinical recommendations (treatment protocols) on issues of medical care, standards of medical care</p>	<p>Knows: the standards of medical care; current clinical guidelines (treatment protocols). International Statistical Classification of Diseases Can: the standards of medical care; current clinical guidelines (treatment protocols). International Statistical Classification of Diseases Owns: Possesses the skills of prescribing etiologic and pathogenetic therapy in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols), and methods of providing medical care.</p>
<p>PC-5 Is able to establish a diagnosis taking into account the current international statistical classification of diseases and health-related problems (ICD)</p>	<p>PC-5.4 Is able to apply the International Statistical Classification of Diseases and Related Health Problems (ICD) to make a diagnosis</p>	<p>Knows: the international statistical classification of diseases and health-related problems Can: Able to formulate a diagnosis according to the international statistical classification of diseases and health-related problems Owns: Has the skills to make a diagnosis according to the international statistical classification of diseases and health-related problems</p>
<p>PC-9 Is able to assess the effectiveness and safety of the use of medicines, medical devices, therapeutic nutrition and other treatment methods</p>	<p>PC-9.2 Is able to assess the effectiveness and safety of the use of medicines, medical devices and therapeutic nutrition</p>	<p>Knows: Knows medicines, medical products and clinical nutrition, taking into account the diagnosis, their effectiveness and safety. Can: to reasonably prescribe non-drug drug treatment, taking into account the diagnosis, age and clinical picture of the disease in accordance with the current procedures for the provision of medical care, clinical recommendations (treatment protocols) and evaluate the effectiveness and safety of the use of drugs, medical devices and clinical nutrition Owns: methods for monitoring the effectiveness and safety of the use of drugs for treatment from the standpoint of evidence-based medicine</p>

VI. THE STRUCTURE OF THE PRACTICE

Table - Structure of the practice

№	Name of the discipline section	Semester	Type of work	Number of hours	Forms of intermediate certification	Learning outcomes
1	Professional Medical Training. Assistant to a doctor of a therapeutic, surgical, obstetric and gynecological hospital	8	Independent work	270		PC-10.1,PC-10.2,GPC-6.4,PC-4.5,PC-4.6,PC-5.4,PC-9.2
-	Total	8	-	288	Credit with an assessment	-

VII. EDUCATIONAL AND METHODOLOGICAL SUPPORT OF STUDENTS' INDEPENDENT WORK IN PRACTICE

Student independent work (IWS) is one of the forms of practice and is organized with the aim of: systematization and consolidation of the received theoretical knowledge and practical skills of students; deepening and expansion of theoretical knowledge; formation of the ability to work with various types of information, the ability to use normative, legal, reference documentation and special literature; development of cognitive abilities of students; formation of such personality traits as responsibility and organization, independent thinking, ability for self-development, self-improvement and self-realization.

Tasks for educational practice are formed in the Internship Program of the FEFU School of Medicine. The content of tasks for practice is based on the general

professional and special disciplines passed to the beginning of the practice. At the working stage of the internship, students get acquainted with the structure of the medical institution, constituent documents, functional

duties (job descriptions) of the employees of the departments in which the internship takes place, and acquire the skills of independent professional work in their specialty. Practical tasks should be carried out in stages, with the consistent development of gradually becoming more complex actions and techniques that make up a set of skills and abilities that determine the practice program.

The individual work of a student at a temporary workplace is organized by the head of the practice under the supervision of the employees of the departments in which the student is doing the practice. After completing the internship, the student submits a written report on its passage to the head of the internship from FEFU for verification and, if necessary, follows his recommendations for finalizing the report.

The internship report should include the following documents:

1. Voucher (referral) to practice with notes on the day of arrival, departure, stamps and signatures of responsible persons;
2. Practice diary containing daily records of work performed. After the next week of internship, the data reflected in the diary must be confirmed by the signatures of the student and the head of the practice from the practice base. The diary as a whole must also be certified by the signature of the head and the seal of the relevant body (organization);
3. The student-intern's own report on the work done during the internship should include: a brief description of the place of internship (organization), goals and objectives of the internship, a description of the activities performed during the internship, the results achieved, an analysis of the problems encountered and options for their elimination, own assessment of the level of their professional training based on the results of practice.
4. Characteristics, signed by a competent official of the body or organization in which the practice was completed, and certified by the seal; All documents included in the report must be submitted in printed form, filed in a folder (bound) and numbered with the compilation of their inventory.

VIII. FORMS OF CERTIFICATION (BASED ON THE RESULTS OF

PRACTICE)

The academic internship is considered completed if the student fulfills all the requirements of the internship program.

Reporting form: Dairy

Report

Methodological materials defining the assessment procedure

To receive a positive assessment based on the results of the internship, the student must fully complete the internship program, timely issue and submit to the head of FEFU all necessary accounting documents reflecting the results of the internship.

The package of accounting documents on the internship includes the following documents certified by the signature of the head and the seal of the organization:

- individual task;
- internship report;
- a document confirming the fact of internship (confirmation certificate), in case of internship in a third-party organization (Appendix 1);
- a description compiled by the head of the practice from the organization, in case of internship in a third-party organization.

The report serves as the main document reflecting the implementation of the practice program. The content is determined by the individual task and the requirements of the program.

The practice report should consist of a title page, table of contents, main part, conclusion, list of sources and literature used, appendices (if available). As appendices, copies of documents (regulations, reports, etc.) studied and used by the student during the internship may be included in the practice report.

The main part of the report should include the following sections:

- brief description of the enterprise (organization, production unit, company), in case of internship in the organization;
- the main section is the disclosure of an individual task (description of the

work performed using calculations, diagrams, graphs, drawings, programs);

– brief conclusions on the results of the practice, suggestions for improving its organization.

Practice reports are drawn up in accordance with the requirements of the ESCD for textual technical documents. The practice report is provided on A4 sheets (AZ format is allowed for applications), upper and lower margins - 20 mm, right - 15 mm, left - 30 mm, text alignment - width, paragraph indentation - 1.25 cm. The volume of the report (excluding the review of the head of the practice from the relevant organization and the individual assignment) should be at least 15 pages of printed text. The text is prepared using the Microsoft Word text editor (or its equivalent) and saved as a file in formats.doc or docx using 1.5 spacing and using 14 Times New Roman font size.

The production characteristics are given on the last page of the report, signed by the head of the organization and stamped.

The protection of the practice is carried out in due time to the head of the practice from the FEFU. The defense takes place in the form of an oral interview, where each student is allocated 5-10 minutes. for a public report on the results of the practice and the completion of an individual task. Students can express their comments and suggestions about the course of the internship and make suggestions for improving its organization.

According to the results of the defense, a credit with an assessment is issued for practice. At the same time, the content and quality of accounting documents, answers to questions from the head, and production characteristics are taken into account. The assessment for practice is equivalent to the examination grades for theoretical courses.

Evaluation scale and criteria for evaluating the results of the protection of the practice report

When grading excellent in the defense of the practice report, the student must demonstrate an increased level, grades good - the basic level, and grades satisfactory - the threshold.

The main objects of evaluation of the results of the internship:

- student's business activity during the internship;
- the student's production discipline;
- the quality of the individual task;
- the quality of execution and design of the practice report;
- the level of responses when passing the test (protecting the report);
- characterization and evaluation of the student's work by the head of the internship from the place of internship.

Criteria for grading a student on a practice test

Evaluation	Requirements for the formed competencies
«great»	The report is made in accordance with the requirements imposed on it using computer technology, the answers to the questions posed by the head of the practice are covered in full, with a sufficient degree of professionalism and competence, the content of the answers indicates the confident knowledge of the student and his ability to solve professional problems
«good»	The report is made in accordance with the requirements imposed on it, but there are minor inaccuracies, inaccuracy in execution, an incomplete answer to one question asked by the supervisor, but the content of the answers indicates sufficient knowledge of the student and the ability to solve professional problems
«satisfactory»	The report was executed in violation of the requirements for registration, sections in the report were skipped, carelessness in execution, poor orientation of the student according to the report, incomplete answers to two questions, the content of the answers indicates the knowledge of the student and his limited ability to solve professional problems
«unsatisfactory»	The internship report is not presented, the student does not understand the questions asked by the head of the internship, cannot answer questions related to the place of internship and the performance of his duties

A student who fails to complete the internship program without a valid reason or receives an unsatisfactory grade is considered to have academic debt. The liquidation of this debt is carried out in accordance with the FEFU regulatory documents.

IX. EDUCATIONAL, METHODOLOGICAL AND INFORMATIONAL SUPPORT OF THE PRACTICE

1. Hospital surgery. Seminar classes : a textbook for universities / S. G. Shapovalyants [et al.]; edited by S. G. Shapovalyants, R. V. Plakhov, A.V. Shabrin. — 2nd ed. — Moscow : Yurayt Publishing House, 2020 ; Moscow : N. I. Pirogov Federal State Budgetary Educational Institution of Higher Education. - 155 p — <https://urait.ru/bcode/449053>

2. Internal diseases. Selected lectures : textbook / M. P. Konchalovsky [et al.]; under the general editorship of M. P. Konchalovsky. — Moscow : Yurait Publishing House, 2020. — 497 p. <https://urait.ru/bcode/456077>

3. Intensive care: national guidelines. / edited by I.B. Zabolotskikh, D.N. Protsenko. – 2nd ed., reprint. and additional; Moscow, GEOTAR-Media, 2020, - 1072s. <https://www.rosmedlib.ru/book/ISBN9785970450185.html>

4. Obstetrics: national guidelines. Short edition/ edited by E.K. Aylamazyan, V.N. Serov, V.E. Radzinsky, G.M. Savelyeva. – Moscow GEOTAR-Media, 2021. – 608 p. <https://www.rosmedlib.ru/book/ISBN9785970461044.html>

VIII. MATERIAL AND TECHNICAL SUPPORT OF THE PRACTICE

To carry out research and calculations related to the performance of a practical assignment, as well as to organize independent work, students have access to the following laboratory equipment and specialized classrooms that comply with current sanitary and fire safety standards, as well as safety requirements during educational and research and production work:

The name of special rooms and rooms for independent work	Equipment of special rooms and rooms for independent work
<p>Rooms for independent work. The reading room. Auditorium number A1007(A1042) (room number according to the BTI plan 477, 10th floor, area 1016.2 sq.m.</p>	<p>The premises are equipped with computer equipment with the ability to connect to the Internet with an access speed of 500 Mbit/sec. and providing access to the FEFU electronic information and educational environment. Sets of educational furniture (tables and chairs). Lenovo C360G-i34164G500UDK Monoblock – 115 pcs. Integrated Polymedia FlipBox touchscreen display. Copier printer is a color scanner in e-mail with 4 trays of Xerox WorkCenter 5330 (WC5330C). Full-color copier printer scanner Xerox WorkCenter 7530 (WC7530CPS).</p>
<p>Учебная аудитория для проведения занятий лабораторного типа</p>	<p>Помещение укомплектовано специализированной учебной мебелью (посадочных мест –) Оборудование:</p>
<p>Учебная аудитория для проведения занятий лабораторного типа</p>	<p>Помещение укомплектовано специализированной учебной мебелью (посадочных мест –) Оборудование:</p>
<p>Учебная аудитория для проведения занятий лекционного и семинарского типа</p>	<p>Помещение укомплектовано специализированной учебной мебелью (посадочных мест – 240) Оборудование: телевизор - 3 шт., проектор, экран; эксклюзивная документ камера; доска аудиторная</p>